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APPENDIX 1

BASIC DATA FOR COLOR ACQUISITION FILMS

Kodak Special Color Film (Estar Thin Base) Type SO-121

Kodak Ektachrome Aero Film, Type 8442

Kodak Special Ektachrome MS Aerecon Film, Type SO-282

Kodachrome II for Daylight

25X1 [redacted]

Kodak Ektacolor Aerial Film, Type SO-276

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* Please see also the addendum material on this film given at the end of the appendix.

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Declass Review by NGA.
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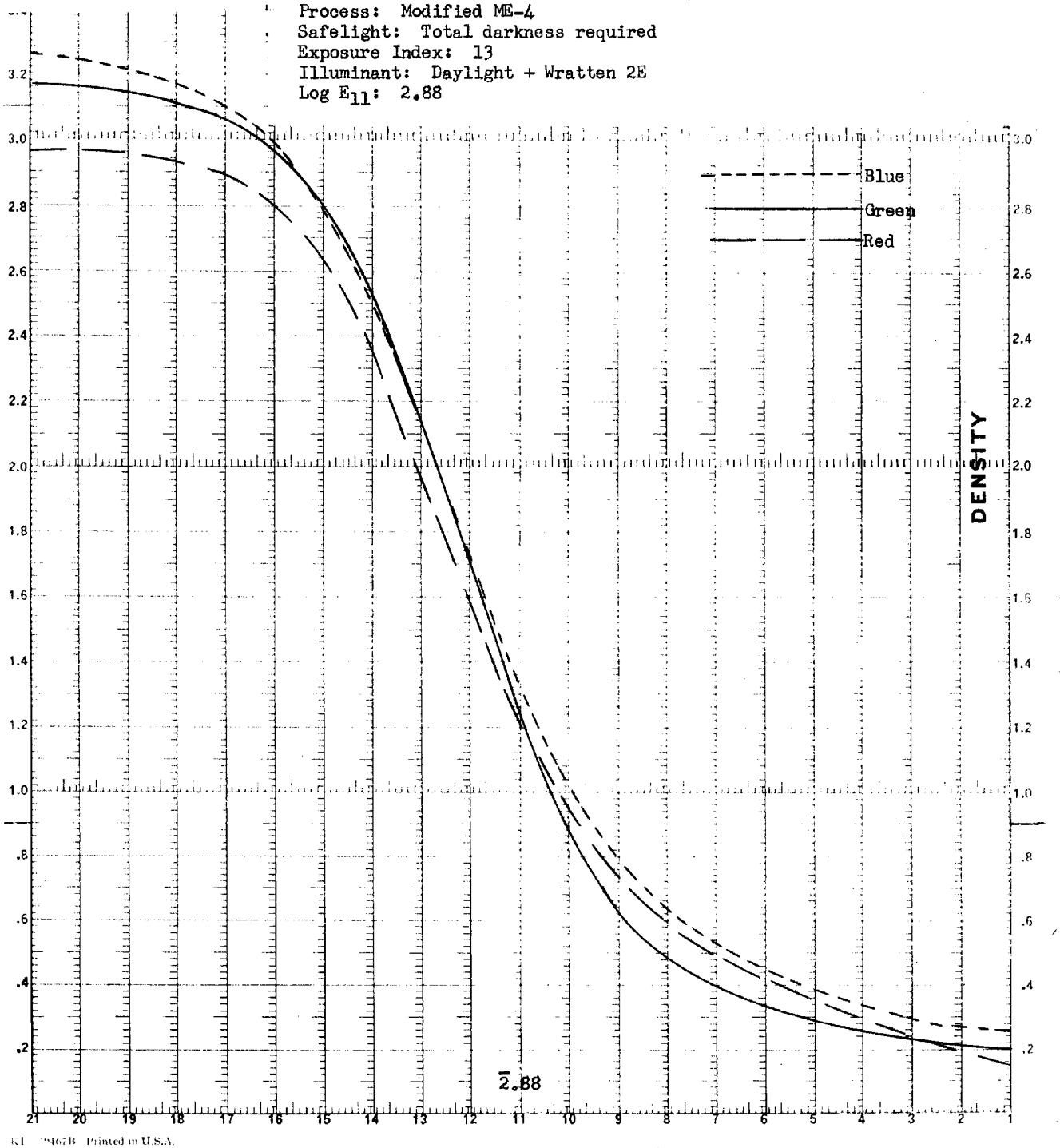
Film: KODAK SPECIAL COLOR FILM (ESTAR THIN BASE) Type SO-121
Use: High altitude reconnaissance

Overall Thickness: 3.5 mils
Resolving Power TOC 10:1 125 lines/mm
TOC 1.6:1 75 lines/mm
Process: Modified ME-4
Safelight: Total darkness required
Exposure Index: 13
Illuminant: Daylight + Wratten 2E
Log E_{11}: 2.88



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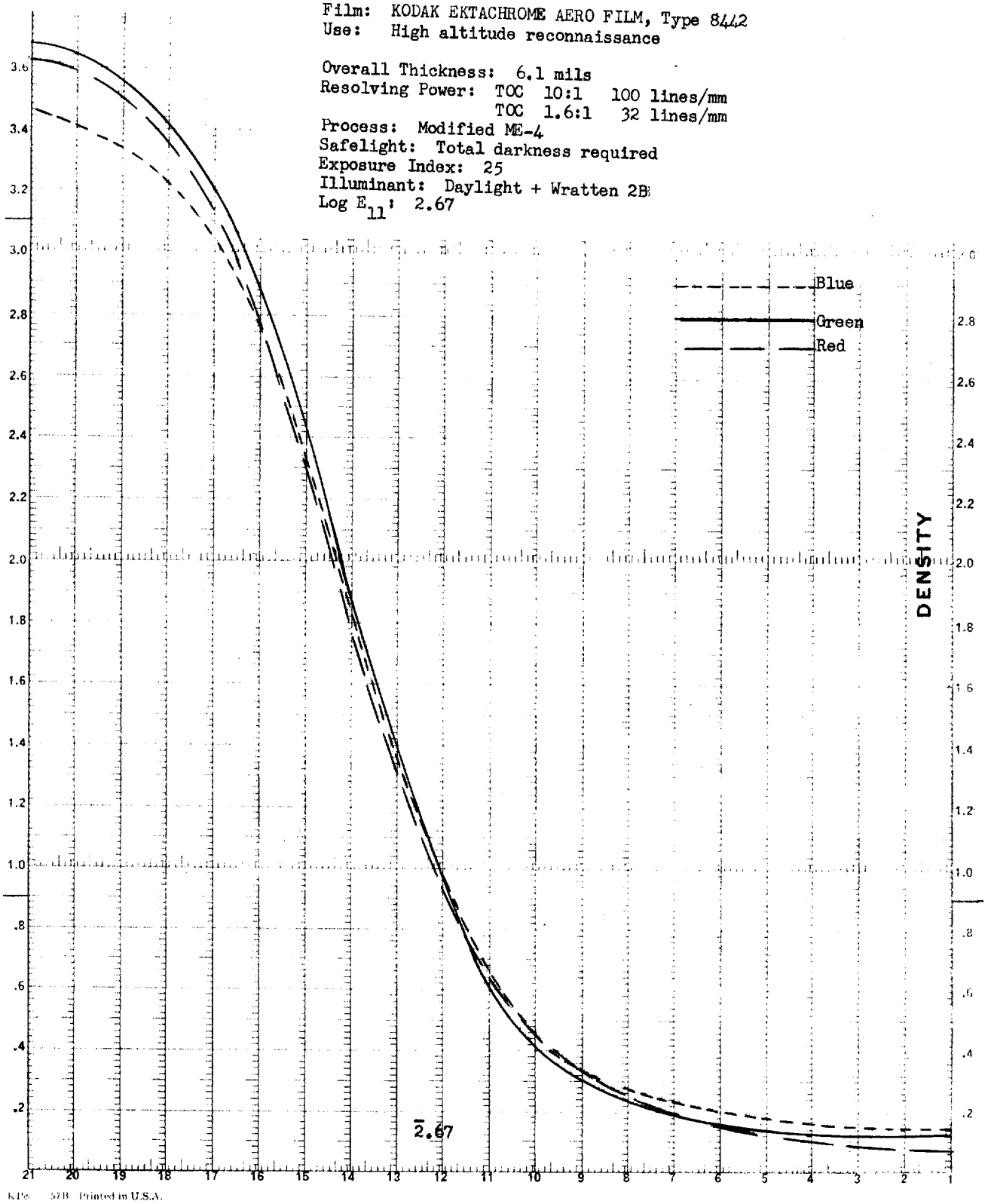
Film: KODAK EKTACHROME AERO FILM, Type 8442
Use: High altitude reconnaissance

Overall Thickness: 6.1 mils
Resolving Power: TOC 10:1 100 lines/mm
TOC 1.6:1 32 lines/mm
Process: Modified ME-4
Safelight: Total darkness required
Exposure Index: 25
Illuminant: Daylight + Wratten 2B
Log E_{11}: 2.67



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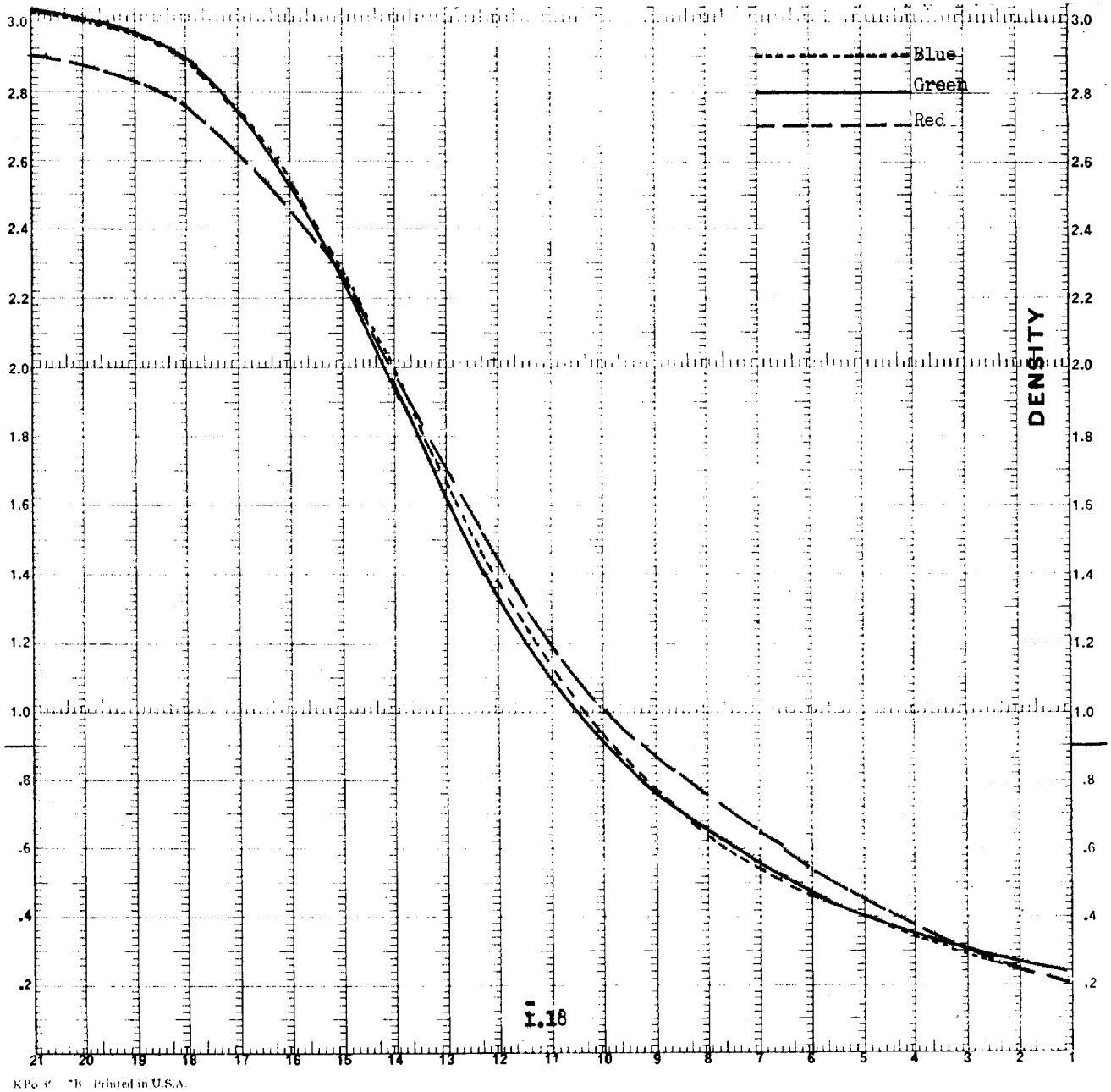
Film: KOLAK SPECIAL EKTACHROME MS AERECON FILM, TYPE SO-282
Use: Color reversal film for low altitude

Overall Thickness: 6.0 mils
Resolving Power: TOC 10:1 75 lines/mm
TOC 1.6:1 40 lines/mm
Process: Modified ME-4
Safelight: Total darkness required
Exposure Index: 6
Illuminant: Daylight + 2B
Log E_{11}: 1.18



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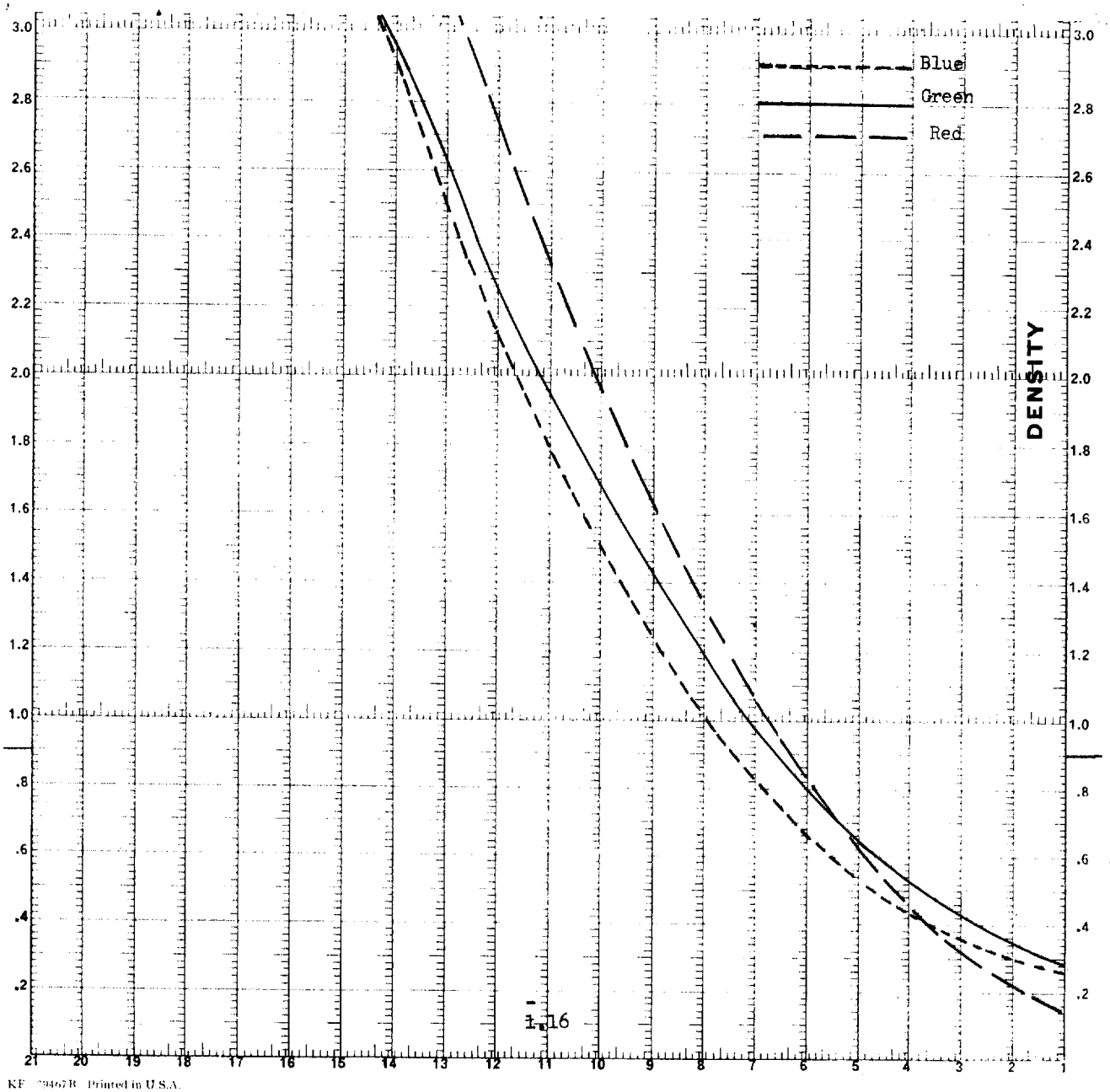
Film: KODACHROME II FOR DAYLIGHT
Use: Very High Altitude Reconnaissance Test

Overall Thickness: 5.8 mils
Resolving Power: TOC 10:1 119 lines/mm
TOC 1.6:1 63 lines/mm

Process: K-12
Safelight: Total darkness required
Exposure Index: 2.5 to 3.0
Log E_{11}: 1.16



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25X1

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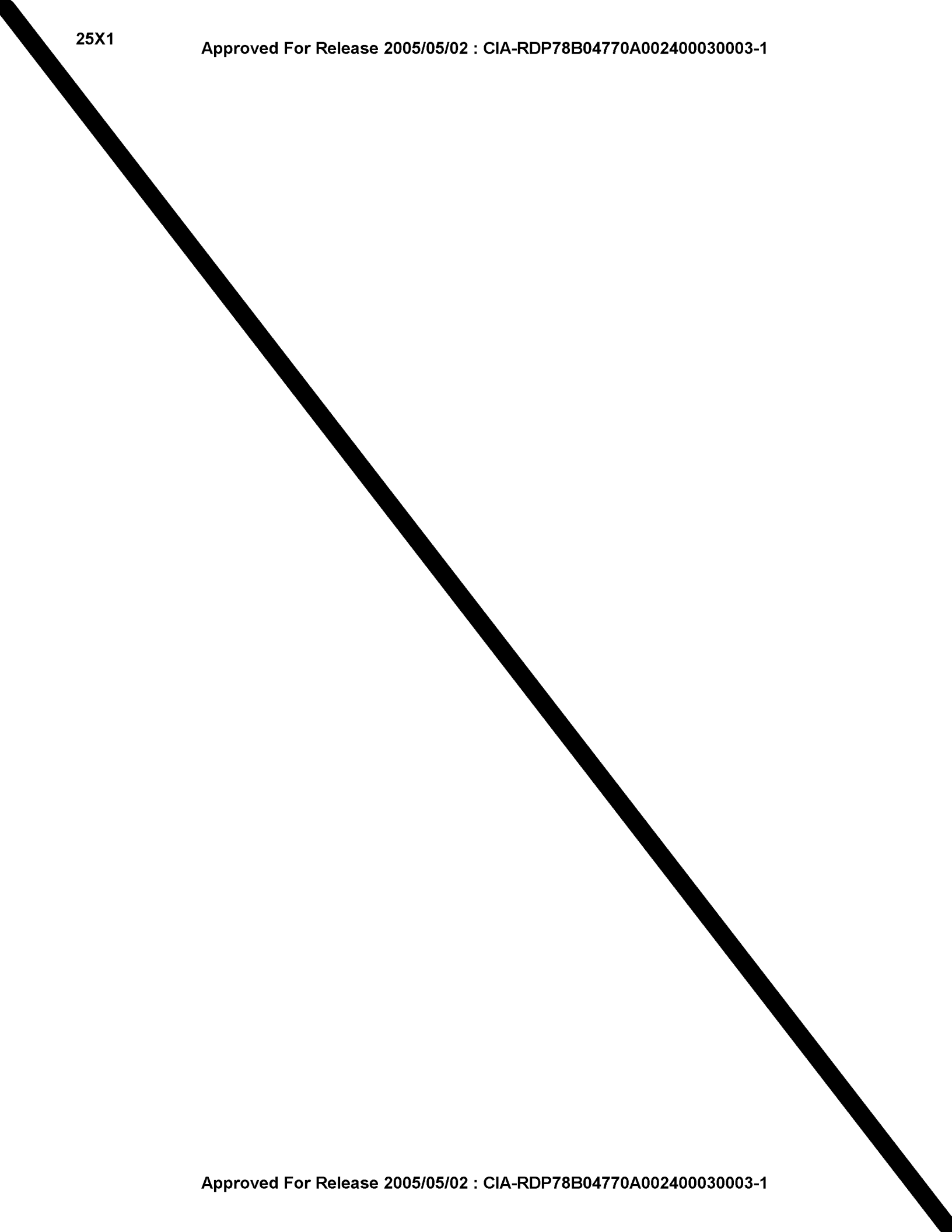

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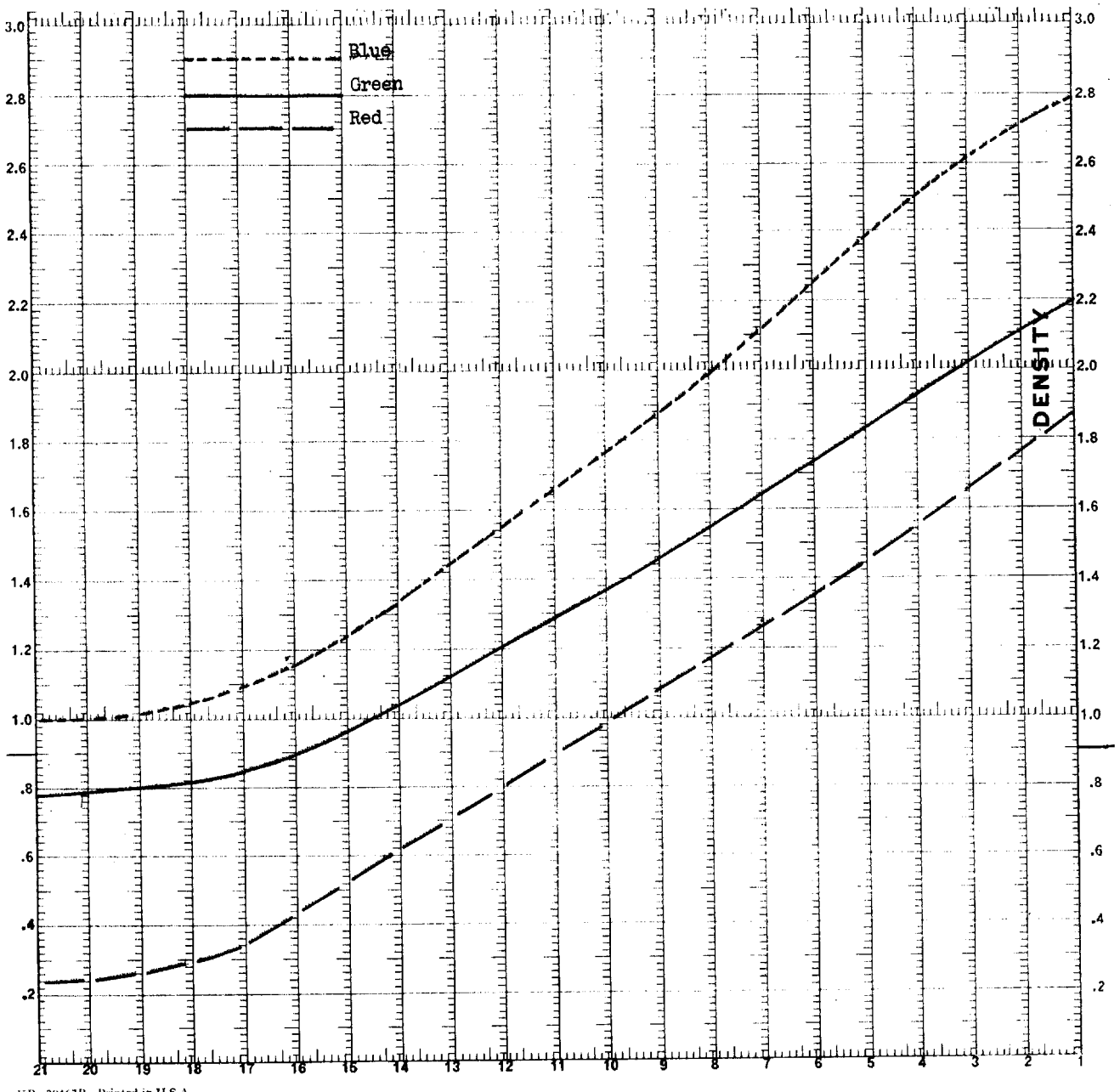
Film: KODAK EKTACOLOR AERIAL FILM, TYPE SO-276
Use: Low Altitude Reconnaissance

Overall Thickness: Approx. 6.0 mils
Resolving Powers: TOC 10:1 50 lines/mm
TOC 1.6:1 20 lines/mm

Process: C-22
Safelight: Total Darkness Required
Exposure Index: 10
Illuminant: Daylight + 2B



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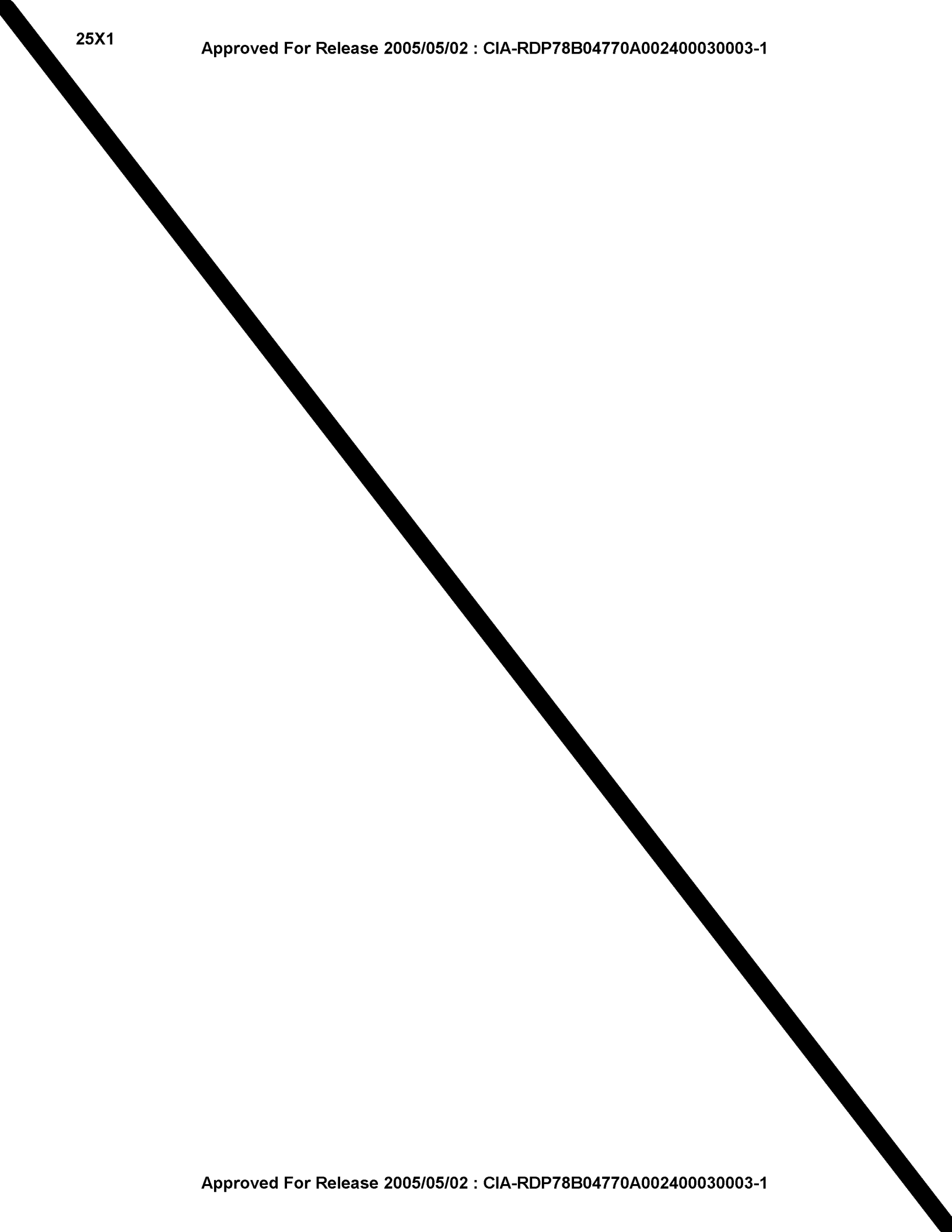

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